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To:	Examiner Phuc T. Dang	From:	Leslie S. Szivos, Ph.D.
Fax:	703 872-9306	Pages:	15 Including cover page
Phone:		Date:	1/10/2005
Re:	Appl. Serial No. 10/775,515 Filing Date: February 10, 2004 Docket No. YOR920010308US2 (16315A)		
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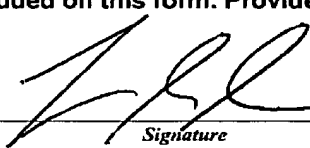
1. Response Under 37 C.F.R. §1.111
2. Amendment Transmittal (in duplicate)
3. Certificate of Facsimile

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AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. YOR920010308US2 (16315A)	
Applicant(s): Jack O. Chu, et al.						
Application No. 10/775,515	Filing Date 02/10/04	Examiner Phuc T. Dang	Customer No. 23389	Group Art Unit 2818	Confirmation No. 1045	
Invention: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si1-x-y GexCy AND Si1-yCy ALLOY LAYERS ON Si BY UHV-CVD						
COMMISSIONER FOR PATENTS:						
Transmitted herewith is an amendment in the above-identified application.						
The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	12 -	20 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	1 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
 Signature			Dated: January 10, 2005			
Leslie S. Szivos, Ph.D. Registration No. 39,394			I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence			
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The fee has been calculated and is transmitted as shown below.					
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	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	12 -	20 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	1 -	3 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/TBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.					
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 Signature			Dated: January 10, 2005		
Leslie S. Szivos, Ph.D. Registration No. 39,394			I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence _____		
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CENTRAL FAX CENTER****Applicant(s):** Jack O. Chu, et al.**Examiner:** Phuc T. Dang**JAN 10 2005****Serial No:** 10/775,515**Art Unit:** 2818**Filed:** February 10, 2004**Docket:** YOR920010308US2 (16315A)**Dated:** January 10, 2005**For:** EPITAXIAL AND POLYCRYSTALLINE GROWTH OF $\text{Si}_{1-x}\text{Ge}_x\text{C}_y$ AND $\text{Si}_{1-y}\text{C}_y$ ALLOY LAYERS ON Si BY UHV-CVD**Confirmation No.** 1045Commissioner for Patents
United States Patent Office
Alexandria, VA 23313-1450**RESPONSE UNDER 37 C.F.R. § 1.111**

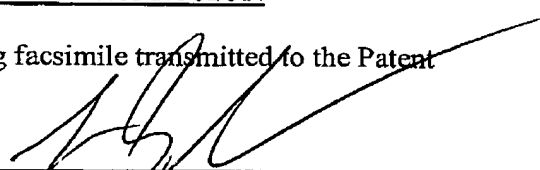
Sir:

In response to the Office Action dated October 12, 2004, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: January 10, 2005



Leslie S. Szivos, Ph.D.